

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	4	OCT 28	KOREAPAT now available on STN
NEWS	5	NOV 30	PHAR reloaded with additional data
NEWS	6	DEC 01	LISA now available on STN
NEWS	7	DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8	DEC 15	MEDLINE update schedule for December 2004
NEWS	9	DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10	DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11	DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16	JAN 03	No connect-hour charges in EPFULL during January and February 2005
NEWS	17	JAN 26	CA/CAPLUS - Expanded patent coverage to include the Russian Agency for Patents and Trademarks (ROSPATENT)
NEWS	18	FEB 10	STN Patent Forums to be held in March 2005
NEWS EXPRESS			JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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10/690,462

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:52:44 ON 15 FEB 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 08:52:55 ON 15 FEB 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 FEB 2005 HIGHEST RN 831169-46-1

DICTIONARY FILE UPDATES: 14 FEB 2005 HIGHEST RN 831169-46-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

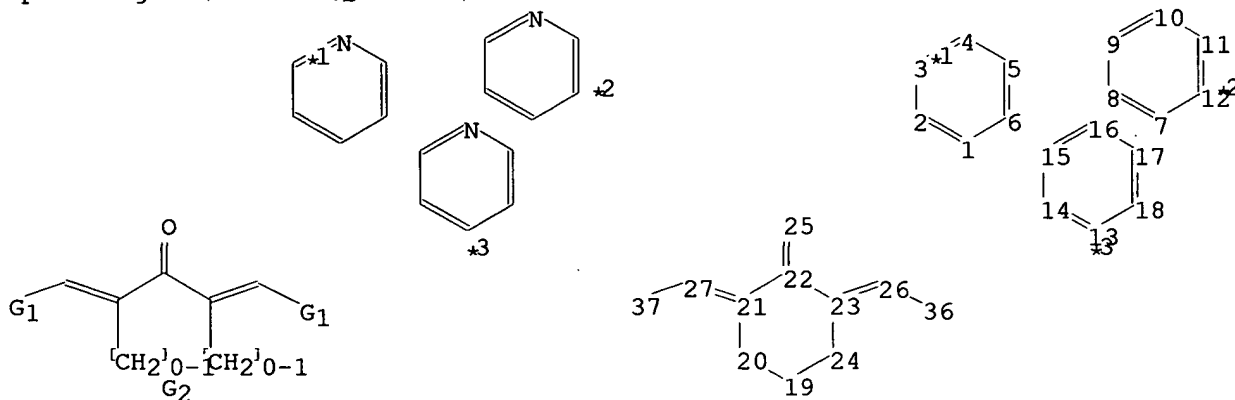
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10690462.str



chain nodes :

10/690,462

25 26 27 36 37

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23  
24

chain bonds :

21-27 22-25 23-26 26-36 27-37

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18  
14-15 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24

exact/norm bonds :

19-20 19-24 20-21 21-22 21-27 22-23 22-25 23-24 23-26 26-36 27-37

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18  
14-15 15-16 16-17 17-18

G1:[\*1],[\*2],[\*3]

G2:O,S,N,CH2

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLASS 26:CLASS 27:CLASS 36:CLASS  
37:CLASS

L1 STRUCTURE UPLOADED

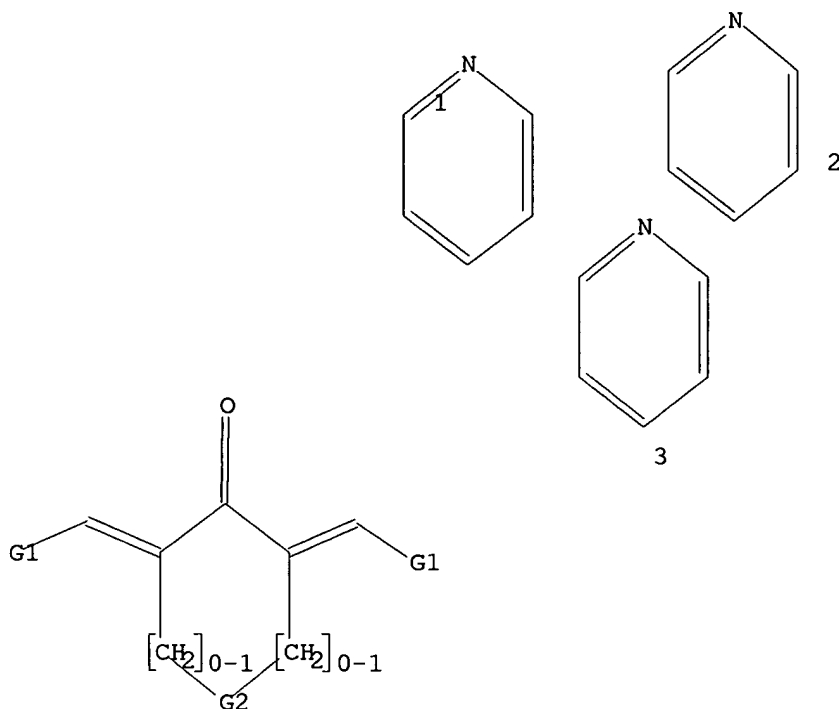
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 [C1], [C2], [C3]

G2 O, S, N, CH2

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 08:53:23 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3857 TO ITERATE

25.9% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 73416 TO 80864

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 08:53:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 76616 TO ITERATE

100.0% PROCESSED 76616 ITERATIONS

40 ANSWERS

SEARCH TIME: 00.00.03

L4 40 SEA SSS FUL L1

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=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

161.76

161.97

FILE 'CAPLUS' ENTERED AT 08:53:50 ON 15 FEB 2005

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FILE COVERS 1907 - 15 Feb 2005 VOL 142 ISS 8

FILE LAST UPDATED: 14 Feb 2005 (20050214/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

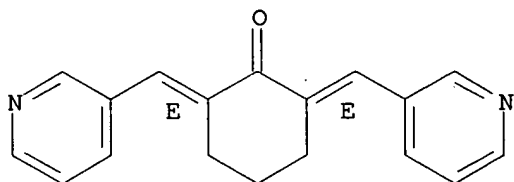
L5

24 L4

=> d l5 1-24 bib hitstr

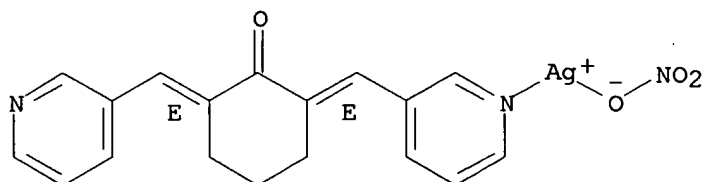
L5 ANSWER 1 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2004:625444 CAPLUS  
 DN 142:105892  
 TI Novel dienone-based ligands for the synthesis of coordination polymers  
 AU Vatsadze, Sergey Z.; Kovalkina, Marina A.; Sviridenkova, Natal'ya V.; Zyk, Nikolai V.; Churakov, Andrei V.; Kuz'mina, Lyudmila G.; Howard, Judith A. K.  
 CS Department of Chemistry, Moscow State University, Moscow, 19899, Russia  
 SO CrystEngComm (2004), 6, 112-115  
 CODEN: CRECF4; ISSN: 1466-8033  
 URL: <http://pubs.rsc.org/ej/CE/2004/b402418d.pdf?&Yr=2004&VOLNO=%26nbsp%3B%3Cb%3E6%3C%2Fb%3E%26nbsp%3B&Fp=112&Ep=115&JournalCode=CE&Iss=23>  
 PB Royal Society of Chemistry  
 DT Journal; (online computer file)  
 LA English  
 IT **817162-74-6P**  
 RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and crystal structure and coordination with silver)  
 RN 817162-74-6 CAPLUS  
 CN Cyclohexanone, 2,6-bis(3-pyridinylmethylene)-, (2E,6E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT **817162-75-7P**  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and crystal structure of polymeric)  
 RN 817162-75-7 CAPLUS  
 CN INDEX NAME NOT YET ASSIGNED

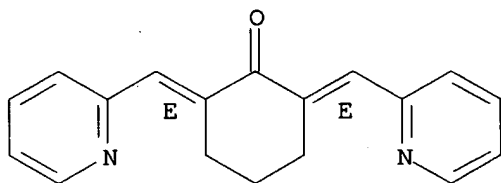
Double bond geometry as shown.



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2002:924994 CAPLUS  
 DN 138:221384  
 TI Design, synthesis, and biological evaluation of angiogenesis inhibitors:  
 aromatic enone and dienone analogues of curcumin  
 AU Robinson, Thomas Philip; Ehlers, Tedman; Hubbard, Richard B.; Bai, Xianhe;  
 Arbiser, Jack L.; Goldsmith, David J.; Bowen, J. Phillip  
 CS Department of Chemistry, Computational Center for Molecular Structure and  
 Design, University of Georgia, Athens, GA, 30602-2556, USA  
 SO Bioorganic & Medicinal Chemistry Letters (2003), 13(1), 115-117  
 CODEN: BMCLE8; ISSN: 0960-894X  
 PB Elsevier Science Ltd.  
 DT Journal  
 LA English  
 OS CASREACT 138:221384  
 IT **501019-82-5P**  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL  
 (Biological study); PREP (Preparation)  
 (preparation of aromatic enone and dienone analogs of curcumin from  
 aldehydes  
 and aromatic ketones)  
 RN 501019-82-5 CAPLUS  
 CN Cyclohexanone, 2,6-bis(2-pyridinylmethylene)-, (2E,6E)- (9CI) (CA INDEX  
 NAME)

Double bond geometry as shown.



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:472641 CAPLUS

DN 135:76687

TI Chalcone and its analogs as agents for the inhibition of angiogenesis and related disease states

IN Bowen, Phillip J.; Robinson, Thomas Philip; Ehlers, Tedman; Goldsmith, David; Arbiser, Jack

PA University of Georgia Research Foundation, Inc., USA; Emory University

SO PCT Int. Appl., 90 pp.

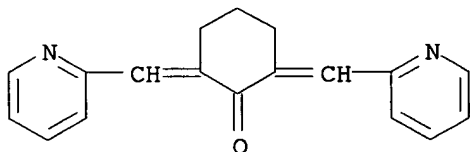
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001046110	A2	20010628	WO 2000-US35207	20001226
	WO 2001046110	A3	20020221		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2395191	AA	20010628	CA 2000-2395191	20001226
	AU 2001022910	A5	20010703	AU 2001-22910	20001226
	US 2002040029	A1	20020404	US 2000-748599	20001226
	US 6462075	B2	20021008		
	EP 1242352	A2	20020925	EP 2000-986728	20001226
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2003027830	A1	20030206	US 2002-198786	20020718
PRAI	US 1999-171883P	P	19991223		
	US 2000-748599	A3	20001226		
	WO 2000-US35207	W	20001226		
OS	MARPAT 135:76687				
IT	<b>29053-73-4P</b>				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of unsatd. (hetero)aryl carbonyl compds. as inhibitors of angiogenesis for the treatment of cancer, skin diseases such as psoriasis, and inflammatory diseases such as arthritis)				
RN	29053-73-4 CAPLUS				
CN	Cyclohexanone, 2,6-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)				





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L5 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:416904 CAPLUS

DN 135:19497

TI Preparation of curcumin analogues for treating cancer

IN Snyder, James P.; Davis, Matthew C.; Adams, Brian; Shoji, Mamoru; Liotta, Dennis C.; Ferstl, Eva M.; Sunay, Ustun B.

PA Emory University, USA

SO PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001040188	A1	20010607	WO 2000-US32870	20001204
	WO 2001040188	C2	20020725		
	WO 2001040188	C1	20031113		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2393440	AA	20010607	CA 2000-2393440	20001204
	US 2002019382	A1	20020214	US 2000-729662	20001204
	US 6664272	B2	20031216		
	EP 1242379	A1	20020925	EP 2000-982389	20001204
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	JP 2003515590	T2	20030507	JP 2001-541873	20001204
	US 2004176384	A1	20040909	US 2003-690462	20031021
PRAI	US 1999-168913P	P	19991203		
	US 2000-729662	A1	20001204		
	WO 2000-US32870	W	20001204		

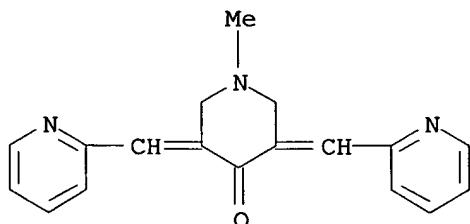
OS MARPAT 135:19497

IT **2410-39-1P 142808-60-4P 342808-24-6P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of curcumin analogs as antitumor and anti-angiogenic agents)

RN 2410-39-1 CAPLUS

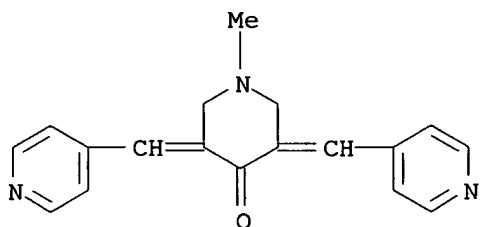
CN 4-Piperidinone, 1-methyl-3,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



10/690,462

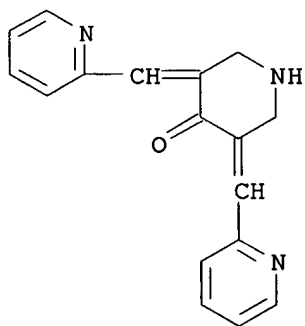
RN 142808-60-4 CAPLUS

CN 4-Piperidinone, 1-methyl-3,5-bis(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)



RN 342808-24-6 CAPLUS

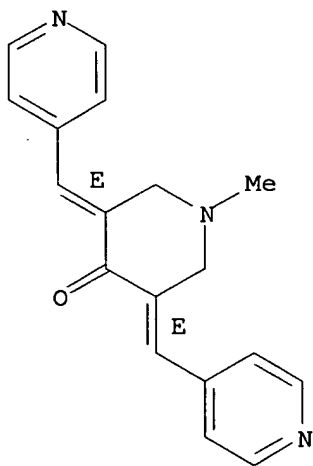
CN 4-Piperidinone, 3,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

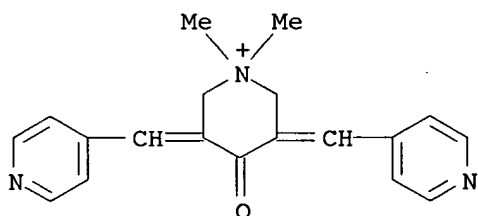
L5 ANSWER 5 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2000:455846 CAPLUS  
DN 133:177126  
TI Synthesis and biological evaluation of certain  $\alpha,\beta$ -unsaturated ketones and their corresponding fused pyridines as antiviral and cytotoxic agents  
AU El-Subbagh, Hussein I.; Abu-Zaid, Suhair M.; Mahran, Mona A.; Badria, Farid A.; Al-Obaid, Abdulrahman M.  
CS Department of Pharmaceutical Chemistry College of Pharmacy, King Saud University, Riyadh, 11451, Saudi Arabia  
SO Journal of Medicinal Chemistry (2000), 43(15), 2915-2921  
CODEN: JMCMAR; ISSN: 0022-2623  
PB American Chemical Society  
DT Journal  
LA English  
IT **288073-91-6P**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(preparation, anti-HIV-1 activity, and cytotoxicity of unsatd. pyridine ketones and their fused pyridines)  
RN 288073-91-6 CAPLUS  
CN 4-Piperidinone, 1-methyl-3,5-bis(4-pyridinylmethylene)-, (3E,5E)- (9CI)  
(CA INDEX NAME)

Double bond geometry as shown.



RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1994:569752 CAPLUS  
DN 121:169752  
TI Cytotoxic Evaluation of Some 3,5-diarylidene-4-piperidones and Various  
Related Quaternary Ammonium Compounds and Analogs  
AU Dimmock, J. R.; Arora, V. K.; Quail, J. W.; Pugazhenth, U.; Allen, T. M.;  
De Clercq, E.; Kao, G. Y.  
CS College of Pharmacy, University of Saskatchewan, Saskatoon, SK, S7N 0W0,  
Can.  
SO Journal of Pharmaceutical Sciences (1994), 83(8), 1124-30  
CODEN: JPMSAE; ISSN: 0022-3549  
DT Journal  
LA English  
IT **142816-73-7**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BIOL (Biological study)  
(antitumor cytotoxicity and antiviral activity of)  
RN 142816-73-7 CAPLUS  
CN Piperidinium, 1,1-dimethyl-4-oxo-3,5-bis(4-pyridinylmethylene)-, iodide  
(9CI) (CA INDEX NAME)



● I<sup>-</sup>

L5 ANSWER 7 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1993:90836 CAPLUS  
 DN 118:90836  
 TI Electrophotographic photoreceptor  
 IN Miyazaki, Hajime; Kikuchi, Norihiro; Go, Shintetsu  
 PA Canon K. K., Japan  
 SO Jpn. Kokai Tokkyo Koho, 44 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04248558	A2	19920904	JP 1991-33362	19910204
	JP 2975436	B2	19991110		
PRAI	JP 1991-33362		19910204		
IT	<b>145601-10-1</b>				

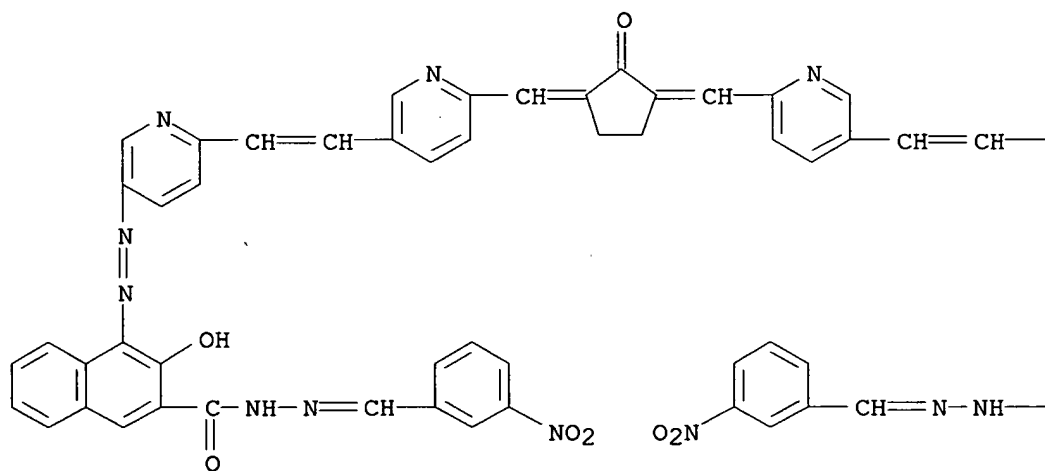
RL: USES (Uses)

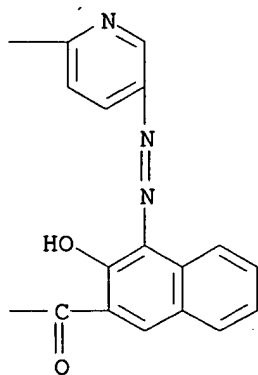
(electrophotog. photoreceptors containing)

RN 145601-10-1 CAPLUS

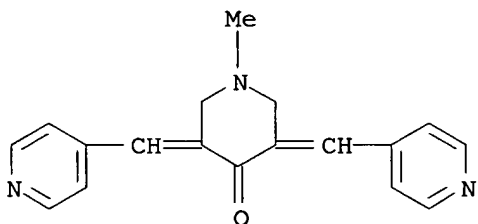
CN 2-Naphthalenecarboxylic acid, 4,4'-[(2-oxo-1,3-cyclopentanediyldiene)bis(methyldiyl-2,5-pyridinediyl-2,1-ethenediyl-2,5-pyridinediylazo)]bis[3-hydroxy-, bis[[3-nitrophenyl)methylene]hydrazide]  
 (9CI) (CA INDEX NAME)

PAGE 1-A

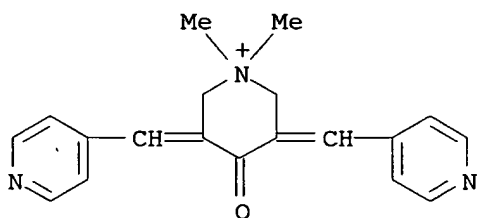




L5 ANSWER 8 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1992:542850 CAPLUS  
 DN 117:142850  
 TI 3,5-Bis-arylidene-1-methyl-4-piperidone methohalides and related compounds with activity against L 1210 cells and DNA binding properties  
 AU Dimmock, J. R.; Arora, V. K.; Semple, H. A.; Lee, J. S.; Allen, T. M.; Kao, G. Y.  
 CS Coll. Pharm., Univ. Saskatchewan, Saskatoon, SK, Can.  
 SO Pharmazie (1992), 47(4), 246-8  
 CODEN: PHARAT; ISSN: 0031-7144  
 DT Journal  
 LA English  
 IT **142808-60-4P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and methylation of)  
 RN 142808-60-4 CAPLUS  
 CN 4-Piperidinone, 1-methyl-3,5-bis(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)



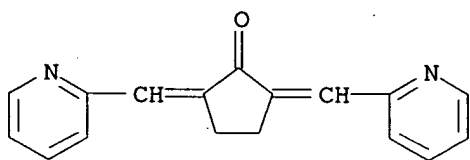
IT **142816-73-7P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and neoplasm-inhibitory activity of, structure in relation to)  
 RN 142816-73-7 CAPLUS  
 CN Piperidinium, 1,1-dimethyl-4-oxo-3,5-bis(4-pyridinylmethylene)-, iodide (9CI) (CA INDEX NAME)



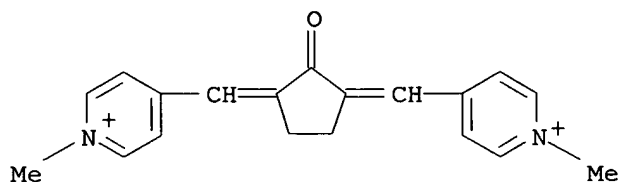
● I<sup>-</sup>



L5 ANSWER 9 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1989:496758 CAPLUS  
DN 111:96758  
TI A convenient preparation of substituted 2,5-dibenzylidenecyclopent-3-en-1-ones  
AU Desiraju, Gautam R.; Kishan, K. V. Radha  
CS Sch. Chem., Univ. Hyderabad, Hyderabad, 500 134, India  
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1988), 27B(10), 953-4  
CODEN: IJSBDB; ISSN: 0376-4699  
DT Journal  
LA English  
OS CASREACT 111:96758  
IT **47084-34-4**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(dehydrogenation of, with chloranil)  
RN 47084-34-4 CAPLUS  
CN Cyclopentanone, 2,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)

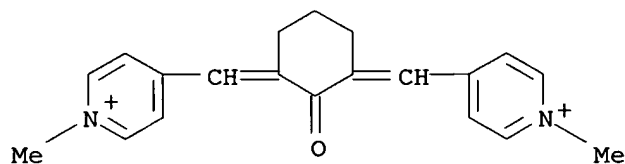


L5 ANSWER 10 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1989:116647 CAPLUS  
 DN 110:116647  
 TI Bridged cyanine dyes. Part 3. Zwitterionic bis-4-pyridyl and cationic bis-dimethylanilino derivatives  
 AU Katritzky, Alan R.; Fan, Wei Qiang; Jiao, Xue Shun; Li, Qiao Ling  
 CS Dep. Chem., Univ. Florida, Gainesville, FL, 32611, USA  
 SO Journal of Heterocyclic Chemistry (1988), 25(5), 1321-5  
 CODEN: JHTCAD; ISSN: 0022-152X  
 DT Journal  
 LA English  
 OS CASREACT 110:116647  
 IT **118815-94-4P 118815-95-5P**  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and properties of)  
 RN 118815-94-4 CAPLUS  
 CN Pyridinium, 4,4'-[(2-oxo-1,3-cyclopentanediyldiene)dimethylidyne]bis[1-methyl-, diiodide (9CI) (CA INDEX NAME)



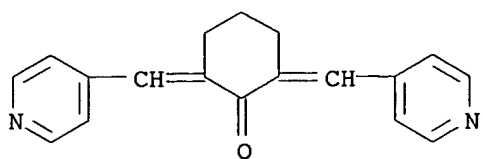
●2 I<sup>-</sup>

RN 118815-95-5 CAPLUS  
 CN Pyridinium, 4,4'-[(2-oxo-1,3-cyclohexanediylidene)dimethylidyne]bis[1-methyl-, diiodide (9CI) (CA INDEX NAME)



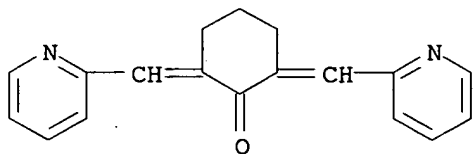
●2 I<sup>-</sup>

IT **18977-41-8P 29053-73-4P 47084-34-4P**  
**108977-83-9P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation and reduction or quaternization of)  
 RN 18977-41-8 CAPLUS  
 CN Cyclohexanone, 2,6-bis(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)



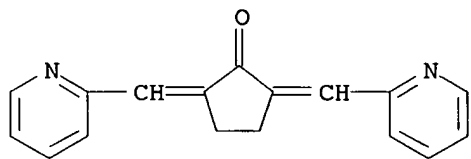
RN 29053-73-4 CAPLUS

CN Cyclohexanone, 2,6-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



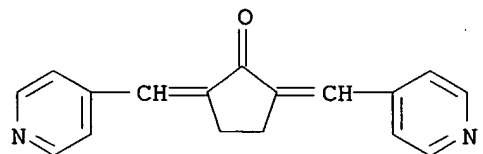
RN 47084-34-4 CAPLUS

CN Cyclopentanone, 2,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)

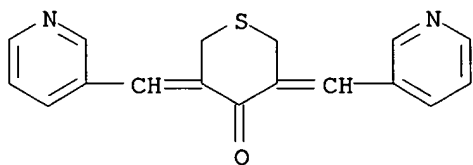


RN 108977-83-9 CAPLUS

CN Cyclopentanone, 2,5-bis(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)



L5 ANSWER 11 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1982:574473 CAPLUS  
DN 97:174473  
TI Synthesis and antiinflammatory activity of hexahydrothiopyrano[4,3-  
c]pyrazoles and related analogs  
AU Rovnyak, George C.; Millonig, Robert C.; Schwartz, Joseph; Shu, Virginia  
CS Org. Chem. Dep., Squibb Inst. Med. Res., Princeton, NJ, 08540, USA  
SO Journal of Medicinal Chemistry (1982), 25(12), 1482-8  
CODEN: JMCMAR; ISSN: 0022-2623  
DT Journal  
LA English  
OS CASREACT 97:174473  
IT **83319-95-3P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and cyclocondensation with hydrazines)  
RN 83319-95-3 CAPLUS  
CN 4H-Thiopyran-4-one, tetrahydro-3,5-bis(3-pyridinylmethylene)- (9CI) (CA  
INDEX NAME)



L5 ANSWER 12 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1978:136616 CAPLUS  
DN 88:136616  
TI 3,3a,4,5,6,7-Hexahydro-2H-pyrazolo[4,3-c]pyridines  
IN Krapcho, John; Turk, Chester Frank  
PA E. R. Squibb and Sons, Inc., USA  
SO Patentschrift (Switz.), 8 pp.  
CODEN: SWXXAS  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 594667	A	19780113	CH 1974-7505	19740531
PRAI	CH 1974-7505	A	19740531		

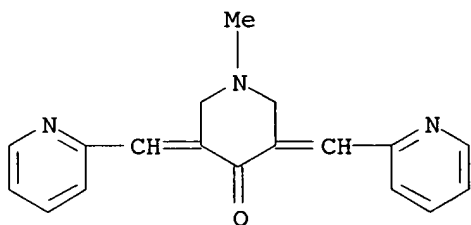
IT **2410-39-1P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and cyclocondensation of, with methylhydrazine)

RN 2410-39-1 CAPLUS

CN 4-Piperidinone, 1-methyl-3,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



L5 ANSWER 13 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:577412 CAPLUS

DN 85:177412

TI 2H-Pyrazolo[4,3-c]pyridines

PA E. R. Squibb and Sons, Inc., USA

SO Neth. Appl., 22 pp.

CODEN: NAXXAN

DT Patent

LA Dutch

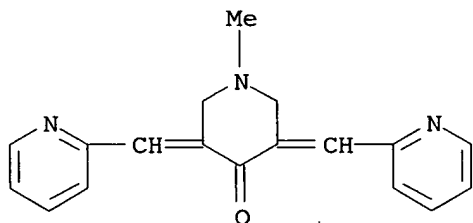
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	NL 7406896	A	19751125	NL 1974-6896	19740522
PRAI	NL 1974-6896	A	19740522		
IT	<b>2410-39-1P</b>				

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and cyclization with methylhydrazine)

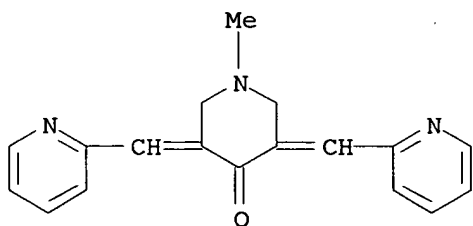
RN 2410-39-1 CAPLUS

CN 4-Piperidinone, 1-methyl-3,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



L5 ANSWER 14 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1975:170918 CAPLUS  
 DN 82:170918  
 TI 2-(Aminoalkyl)-7-benzylidene-3,3a,4,5,6,7-hexahydro-2H-pyrazolo[4,3-c]pyridines  
 IN Krapcho, John; Turk, Chester F.  
 PA E. R. Squibb and Sons, Inc.  
 SO Ger. Offen., 30 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2430590	A1	19750116	DE 1974-2430590	19740626
	CA 1055937	A1	19790605	CA 1974-202174	19740611
	GB 1472325	A	19770504	GB 1974-26273	19740613
	US 3897420	A	19750729	US 1974-479928	19740617
	JP 50036491	A2	19750405	JP 1974-74223	19740627
	JP 57038595	B4	19820816		
	FR 2234893	A1	19750124	FR 1974-22773	19740628
PRAI	US 1973-374722	A	19730628		
IT	<b>2410-39-1P</b>				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	2410-39-1 CAPLUS				
CN	4-Piperidinone, 1-methyl-3,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)				



L5 ANSWER 15 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1975:4248 CAPLUS

DN 82:4248

TI Pharmaceutical 7-benzylidene-3,3a,4,5,6,7-hexahydro-3-phenyl-2H-pyrazolo[4,3-c]pyridines

IN Krapcho, John; Turk, Chester F.

PA E. R. Squibb and Sons, Inc.

SO Ger. Offen., 31 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2411499	A1	19740926	DE 1974-2411499	19740311
	US 3852279	A	19741203	US 1973-340408	19730312
	CA 1049016	A1	19790220	CA 1974-192668	19740215
	GB 1457078	A	19761201	GB 1974-7523	19740219
	FR 2221141	A1	19741011	FR 1974-8380	19740312
	JP 49134696	A2	19741225	JP 1974-28995	19740312
	JP 57038594	B4	19820816		
PRAI	US 1973-340408	A	19730312		

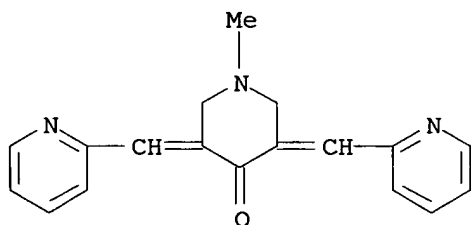
IT 2410-39-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, with hydrazines)

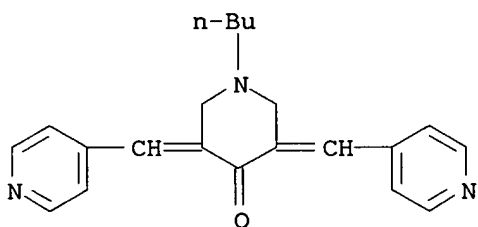
RN 2410-39-1 CAPLUS

CN 4-Piperidinone, 1-methyl-3,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



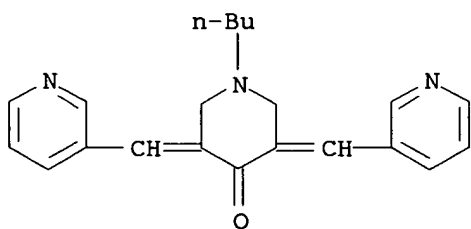


L5 ANSWER 16 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1974:82611 CAPLUS  
 DN 80:82611  
 TI 3,5-bis(3-Pyridylmethyl)- and 3,5-bis(4-pyridylmethyl)-1-butyl-piperidine-4-one  
 AU Gutkowska, Bozenna  
 CS Akad. Med., Warsaw, Pol.  
 SO Acta Poloniae Pharmaceutica (1973), 30(4), 361-4  
 CODEN: APPHAX; ISSN: 0001-6837  
 DT Journal  
 LA Polish  
 IT **51787-49-6P 51808-58-3P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and reduction of)  
 RN 51787-49-6 CAPLUS  
 CN 4-Piperidinone, 1-butyl-3,5-bis(4-pyridinylmethylene)-, trihydrochloride (9CI) (CA INDEX NAME)



● 3 HCl

RN 51808-58-3 CAPLUS  
 CN 4-Piperidinone, 1-butyl-3,5-bis(3-pyridinylmethylene)-, trihydrochloride (9CI) (CA INDEX NAME)



● 3 HCl

IT **51787-53-2P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 51787-53-2 CAPLUS  
 CN 4-Piperidinone, 1-butyl-3,5-bis(4-pyridinylmethylene)-, compd. with

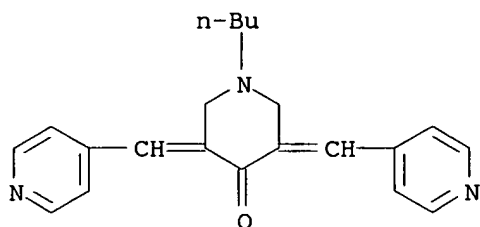
10/690,462

2,4,6-trinitrophenol (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 35772-61-3

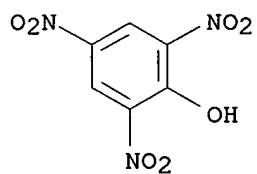
CMF C21 H23 N3 O



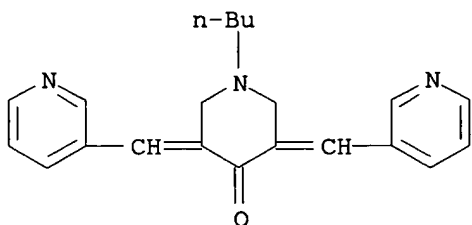
CM 2

CRN 88-89-1

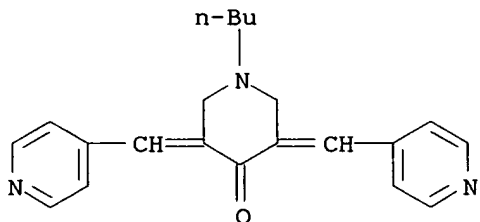
CMF C6 H3 N3 O7



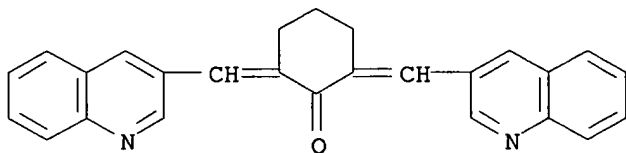
L5 ANSWER 17 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1972:107292 CAPLUS  
DN 76:107292  
TI Polarographic reduction of N-butyl-4-piperidone and of its  
bis(pyridylmethylene) derivatives  
AU Chodkowski, Jerzy; Lenard, Zofia  
CS Akad. Med. Warsaw, Warsaw, Pol.  
SO Roczniki Chemii (1972), 46(1), 119-23  
CODEN: ROCHAC; ISSN: 0035-7677  
DT Journal  
LA Polish  
IT **35772-60-2 35772-61-3**  
RL: PRP (Properties)  
(polarog. of)  
RN 35772-60-2 CAPLUS  
CN 4-Piperidinone, 1-butyl-3,5-bis(3-pyridinylmethylene)- (9CI) (CA INDEX  
NAME)



RN 35772-61-3 CAPLUS  
CN 4-Piperidinone, 1-butyl-3,5-bis(4-pyridinylmethylene)- (9CI) (CA INDEX  
NAME)



L5 ANSWER 18 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1971:448862 CAPLUS  
DN 75:48862  
TI Chemistry of quinoline-3-carboxaldehyde. 2  
AU Jacoby, U.; Zymalkowski, F.  
CS Pharm. Inst., Univ. Bonn, Bonn, Fed. Rep. Ger.  
SO Archiv der Pharmazie und Berichte der Deutschen Pharmazeutischen  
Gesellschaft (1971), 304(4), 271-7  
CODEN: APBDAJ; ISSN: 0376-0367  
DT Journal  
LA German  
OS CASREACT 75:48862  
IT **33023-62-0P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 33023-62-0 CAPLUS  
CN Cyclohexanone, 2,6-bis(3-quinolylmethylene)- (8CI) (CA INDEX NAME)



10/690,462

L5 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1970:450738 CAPLUS  
DN 73:50738  
TI Dry process proof sheet  
IN Druker, Leonard J.; Sachi, Leonard W.  
PA Minnesota Mining and Manufacturing Co.  
SO U.S., 2 pp.  
CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3515559	A	19700602	US 1966-583432	19660930
PRAI	US 1966-583432	A	19660930		

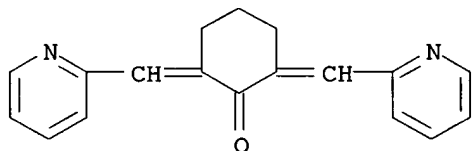
IT **29053-73-4**

RL: USES (Uses)

(photographic stabilizer, for heat developable proof papers)

RN 29053-73-4 CAPLUS

CN Cyclohexanone, 2,6-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



10/690,462

L5 ANSWER 20 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1970:105859 CAPLUS  
DN 72:105859  
TI Light-sensitive polymers  
IN Borden, Douglas G.; Williams, Jack L. R.; Laakso, Thomas M.  
SO Def. Publ. U. S. Pat. Off. T, 16 pp.  
From: Off. Gaz. 1970, 872(2), 357-8.  
CODEN: USXXBN

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 872003		19700310	US	19690930

IT **27308-38-9 27308-44-7 27308-45-8**

**27308-46-9 27308-49-2 28214-19-9**

RL: TEM (Technical or engineered material use); USES (Uses)  
(light-sensitive layers from, for lithographic plates)

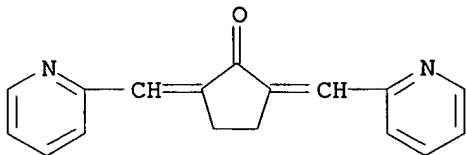
RN 27308-38-9 CAPLUS

CN Cyclopentanone, 2,5-bis(2-pyridylmethylene)-, polymer with  
1,5-dichloro-1,4-pentadien-3-one (8CI) (CA INDEX NAME)

CM 1

CRN 47084-34-4

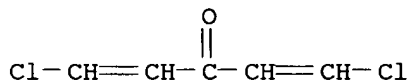
CMF C17 H14 N2 O



CM 2

CRN 3592-26-5

CMF C5 H4 Cl2 O



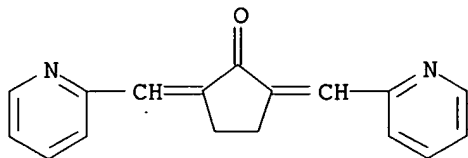
RN 27308-44-7 CAPLUS

CN Cyclopentanone, 2,5-bis(2-pyridylmethylene)-, polymer with  
 $\alpha,\alpha'$ -dibromo-p-xylene (8CI) (CA INDEX NAME)

CM 1

CRN 47084-34-4

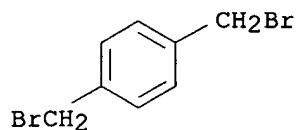
CMF C17 H14 N2 O



CM 2

CRN 623-24-5

CMF C8 H8 Br2



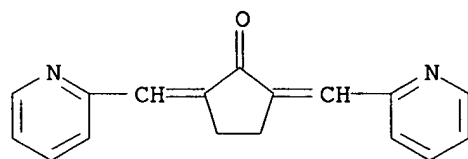
RN 27308-45-8 CAPLUS

CN Cyclopentanone, 2,5-bis(2-pyridylmethylene)-, polymer with  
 $\alpha,\alpha'$ -dibromo-o-xylene (8CI) (CA INDEX NAME)

CM 1

CRN 47084-34-4

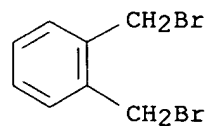
CMF C17 H14 N2 O



CM 2

CRN 91-13-4

CMF C8 H8 Br2

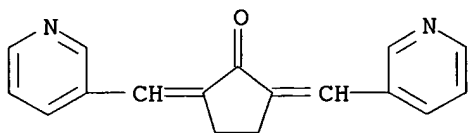


RN 27308-46-9 CAPLUS

CN Cyclopentanone, 2,5-bis(3-pyridylmethylene)-, polymer with  
 $\alpha,\alpha'$ -dibromo-o-xylene (8CI) (CA INDEX NAME)

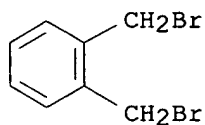
CM 1

CRN 47084-31-1  
CMF C17 H14 N2 O



CM 2

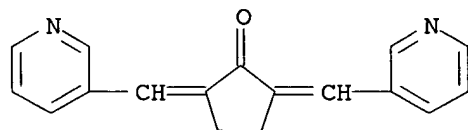
CRN 91-13-4  
CMF C8 H8 Br2



RN 27308-49-2 CAPLUS  
CN Cyclopentanone, 2,5-bis(3-pyridylmethylene)-, polymer with  
 $\alpha,\alpha'$ -dibromo-m-xylene (8CI) (CA INDEX NAME)

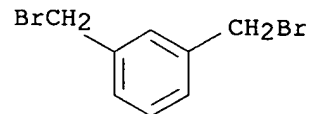
CM 1

CRN 47084-31-1  
CMF C17 H14 N2 O



CM 2

CRN 626-15-3  
CMF C8 H8 Br2



RN 28214-19-9 CAPLUS  
CN Cyclopentanone, 2,5-bis(3-pyridylmethylene)-, polymer with  
 $\alpha,\alpha'$ -dibromo-m-xylene and 2,2'-(p-



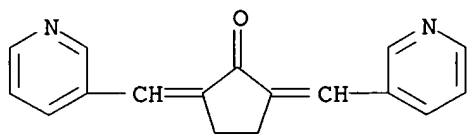
10/690,462

phenylenedivinylene)dipyridine (8CI) (CA INDEX NAME)

CM 1

CRN 47084-31-1

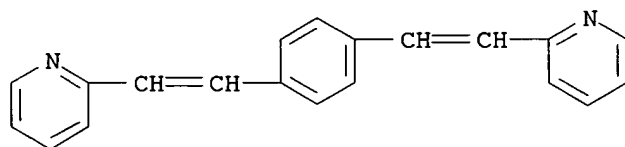
CMF C17 H14 N2 O



CM 2

CRN 20218-87-5

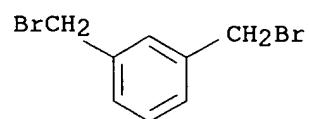
CMF C20 H16 N2



CM 3

CRN 626-15-3

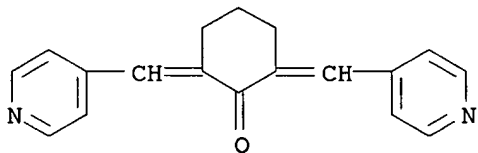
CMF C8 H8 Br2



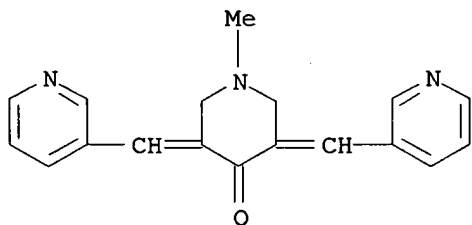
10/690,462

L5 ANSWER 21 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1968:451812 CAPLUS  
DN 69:51812  
TI 2,6-Bis(benzylidene)cyclohexanones  
IN Dibella, Eugene P.  
PA Tenneco Chemicals, Inc.  
SO U.S., 3 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1

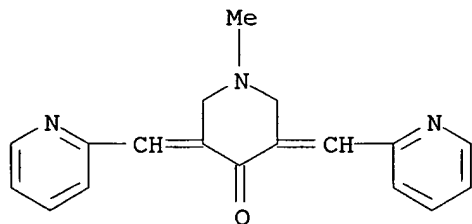
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PI	US 3389986	A	19680625	US 1964-380049	19640702
PRAI	US 1964-380049	A	19640702		
IT	<b>18977-41-8P</b>				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	18977-41-8 CAPLUS				
CN	Cyclohexanone, 2,6-bis(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)				



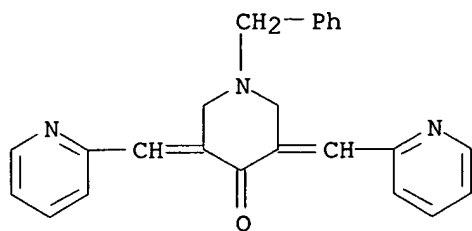
L5 ANSWER 22 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1965:66406 CAPLUS  
DN 62:66406  
OREF 62:11773d-h,11774a  
TI Condensation of aromatic and heterocyclic aldehydes with  
 $\gamma$ -piperidones; relation between structure and choleretic activity of  
the products of this reaction  
AU Buu-Hoi, N. P.; Roussel, Odette; Jacquignon, Pierre  
CS C.N.R.S., Gif-sur-Yvette  
SO Bulletin de la Societe Chimique de France (1964), (12), 3096-9  
CODEN: BSCFAS; ISSN: 0037-8968  
DT Journal  
LA French  
IT **2166-99-6**, 4-Piperidone, 1-methyl-3,5-bis(3-pyridylmethylene)-  
**2410-39-1**, 4-Piperidone, 1-methyl-3,5-bis(2-pyridylmethylene)-  
**2535-12-8**, 4-Piperidone, 1-benzyl-3,5-bis(2-pyridylmethylene)-  
(preparation of)  
RN 2166-99-6 CAPLUS  
CN 4-Piperidone, 1-methyl-3,5-bis(3-pyridylmethylene)- (7CI, 8CI) (CA INDEX  
NAME)



RN 2410-39-1 CAPLUS  
CN 4-Piperidinone, 1-methyl-3,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX  
NAME)



RN 2535-12-8 CAPLUS  
CN 4-Piperidone, 1-benzyl-3,5-bis(2-pyridylmethylene)- (7CI, 8CI) (CA INDEX  
NAME)



L5 ANSWER 23 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1961:112072 CAPLUS

DN 55:112072

OREF 55:21091e-g

TI Condensation of pyridinecarboxaldehydes with cyclanones

AU Buu-Hoi, Nguyen P.; Xuong, Nguyen Dat

CS Inst. radium, Paris

SO Compt. rend. (1960), 251, 2725-7

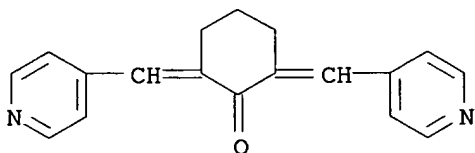
DT Journal

LA Unavailable

IT **18977-41-8**, Cyclohexanone, 2,6-bis[4-pyridylmethylene]-  
**29053-73-4**, Cyclohexanone, 2,6-bis[2-pyridylmethylene]-  
**47084-31-1**, Cyclopentanone, 2,5-bis[3-pyridylmethylene]-  
**47084-34-4**, Cyclopentanone, 2,5-bis[2-pyridylmethylene]-  
**108977-83-9**, Cyclopentanone, 2,5-bis[4-pyridylmethylene]-  
**132727-07-2**, Cyclohexanone, 2,6-bis[3-pyridylmethylene]-  
 (preparation of)

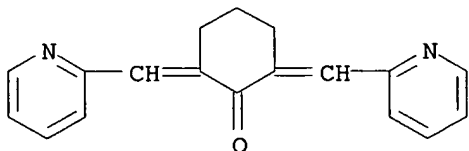
RN 18977-41-8 CAPLUS

CN Cyclohexanone, 2,6-bis(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)



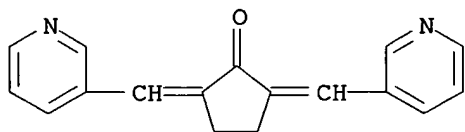
RN 29053-73-4 CAPLUS

CN Cyclohexanone, 2,6-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



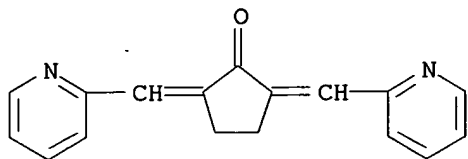
RN 47084-31-1 CAPLUS

CN Cyclopentanone, 2,5-bis(3-pyridinylmethylene)- (9CI) (CA INDEX NAME)



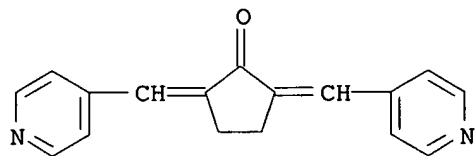
RN 47084-34-4 CAPLUS

CN Cyclopentanone, 2,5-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



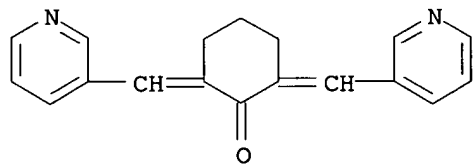
RN 108977-83-9 CAPLUS

CN Cyclopentanone, 2,5-bis(4-pyridinylmethylene)- (9CI) (CA INDEX NAME)



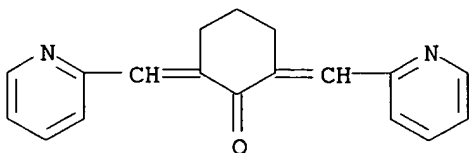
RN 132727-07-2 CAPLUS

CN Cyclohexanone, 2,6-bis(3-pyridylmethylene)- (6CI) (CA INDEX NAME)



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L5 ANSWER 24 OF 24 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1915:17596 CAPLUS  
DN 9:17596  
OREF 9:2880a-i  
TI Aldehydes of the pyridine and piperidine series  
AU Lenart, Georg H.  
SO Ann. (1915), 410, 95-116  
DT Journal  
LA Unavailable  
IT **29053-73-4**, Cyclohexanone, 2,6-bis(2-pyridylmethylene)-  
(preparation of)  
RN 29053-73-4 CAPLUS  
CN Cyclohexanone, 2,6-bis(2-pyridinylmethylene)- (9CI) (CA INDEX NAME)



10/690,462

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

81.81

243.78

STN INTERNATIONAL LOGOFF AT 08:54:22 ON 15 FEB 2005